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SUBJECT Activities of the Technical Commission of the Soviet Ministry for Machine Construction

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25X1A

ORIGIN 25X1X [REDACTED]

1. The Technical Commission of the Soviet Ministry for Machine Construction (NMTM), at Radelbergweg 6 in Berlin-Baumschulenweg, is concerned with the development of gas turbines, gas locomotives, gas power plant installations, and gas ship propellants.
2. The Berlin controlling office is managed by Colonel Pokovski, divisional chief for the Ministry, and (fmu) Lvov, a Soviet scientist and specialist on turbine propellants.
3. Subsidiary offices are:

Bureau No. 2, located in the Schwarzkopf Locomotive Factory in Wildau (V02). This office, formerly designated as Bureau No. 1 and previously located in Mittweida, is directed by Lt Col Shinov, an engineer. The German executive is (fmu) Bulgarian. The factory has been completely dismantled, but two halls were put at the Bureau's disposal. Most of the work centers on the assembly of parts constructed elsewhere.

Bureau No. 3, located in the Brückner & Kanis plant in Dresden, is headed by Major Schitz, chief of power station construction in Moscow. The German executive is Professor Hahn, formerly of the Technische Hochschule in Berlin. He is assisted, on combustion chamber and turbine research, by Ing. Möbius and two constructors, Bachmann and Schmidttdorff. This office is understaffed and the work is hampered by lack of plans. All the firm's plans were carried off by Director Kanis, who disappeared (date not reported) together with sixteen of the plant's chief specialists. Kanis has been reported to be in Hamburg and may now be connected with Blohm & Voss.

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25X1A

-2-

4. The present work of NKT M centers around the development and construction, for testing purposes, of a gas turbine of 3,000 HP capacity for locomotives. A stretch of railroad near Dresden is being equipped with narrow gauge rails for the ultimate testing.
5. The following plants are assisting NKT M research activities:
- Siemens & Halske, Berlin: Ing. Schröder is "referent" for locomotive equipment.
- Siemens & Schuckert, Berlin: Providing electrical equipment. Personnel concerned include Director Meyer, chief of the electric locomotive department; Dr. Baumann, "referent"; Ing. Schröder; Ing. Ulrich.
- Askania-Werke AG, Berlin-Friedenau: Personnel concerned are Director Funsch; Ing. Kmoch, chief of the automatic control section; Ing. Gehlke, in charge of assembly.
6. The disappearance of the Brückner & Kanis drawings and other material constituted a severe set-back and it is believed impossible to have the gas turbine ready by the middle of 1947, as originally scheduled. The summer of 1948 has been mentioned as a possible date for test runs.

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